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i. ☐ Interview Summary (PTO-413), Paper No./Mail Date ☐ Examiner's Amendment/Comment ☐ Examiner's Statement of Reasons for All	owance
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DETAILED ACTION

1. This application is in response to communication filed on 11/30/07. Claims 1-8 are pending on this application.

Response to Arguments

2. Applicant's arguments, filed 11/30/07, with respect to 1 and 8have been fully considered and are persuasive. The rejection of previous office action has been withdrawn.

Allowable Subject Matter

3. Claims 1 - 8 are allowed.

The following is an examiner's statement of reasons for allowance:

With respect to claim 1, in addition to other elements in the claim, prior art considered individual or combination does not teach a DA converter system comprising: arrangement for reducing the out-of-band quantization noise generated by the sigmadelta modulator, said noise reduction arrangement comprising means connected to the sigma-delta modulator for isolating the quantization noise generated thereby, a second noise shaper with substantially frequency independent signal transfer function receiving the isolated quantization noise and reducing the word-length of this quantization noise, and means to supply the reduced word-length quantization noise from the second noise shaper to the second digital input of the digital to analog converting combiner for generating an analog output signal with reduced out-of-band quantization noise at the combiner output.

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With respect to claim 8, in addition to other elements in the claim, prior art considered individual or combination does not teach a method for converting multi-bit digital signal to an analog signal comprising: reducing the word-length of the isolated quantization noise by means of a second noise with substantially frequency independent signal transfer function and applying the reduced word-length quantization noise to a second digital input (of the digital to analog converting combiner for the generation of the analog output signal with reduced out-of-band quantization noise at an analog output of the combiner.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Linh Van Nguyen whose telephone number is (571) 272-1810. The examiner can normally be reached from 8:30 – 5:00 Monday-Friday. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Rexford Barnie can be reached at (571) 272-7492. The fax phone numbers for the organization where this application or proceeding is assigned are (571-273-8300) for regular communications and (571-273-8300) for After Final communications.

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LINH NGUYEN PRIMARY EXAMINER

12/19/07

Linh Van Nguyen

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